

IN THE SPECIFICATION:

Please amend the paragraph beginning at page 26, line 18, as follows:

Those primers were synthesized by a synthesis company (BEX Co., Ltd.) on commission. The 5'-end of each of Ec1 to Ec7 was bound to a thiol (SH) group via a linker for binding to a solid-phase substrate as described below. The Ec1 structure to which a thiol group is bound is shown below as an example.

HS(CH<sub>2</sub>)<sub>6</sub>OP(O<sub>2</sub>)O-dCTCTTGCCATCGGATGTGCCCA (SEQ ID NO: 1)

Please amend the paragraph beginning at page 41, line 22, as follows:

5' Rho-CONH(CH<sub>2</sub>)<sub>6</sub>OP(O<sub>2</sub>)O-d ATCCAACCGCAGGTTCCCCTAC (SEQ ID NO: 8) 3' (Rho = tetramethylrhodamine).